

ABSTRACT:

A main object of the invention is to provide a liquid crystal display using a ferroelectric liquid crystal, which can give mono-domain alignment of the ferroelectric liquid crystal without forming alignment defects such as zigzag defects, hairpin defects and double domains and which is so remarkably good in alignment stability that the alignment thereof can be maintained even if the temperature of the liquid crystal is raised to the phase transition point or higher. The present invention achieves the object by providing a liquid crystal display comprising a ferroelectric liquid crystal sandwiched between two substrates, wherein an electrode and a photo alignment layer are each successively formed on opposite faces of the two substrates facing each other, a constituent material of the respective photo alignment layer is a photoreactive material which generates a photoreaction to give anisotropy to the photo alignment layer; and the constituent material of the respective photo alignment layer has different composition from each other with the ferroelectric liquid crystal sandwiched therebetween.